

**096755E**



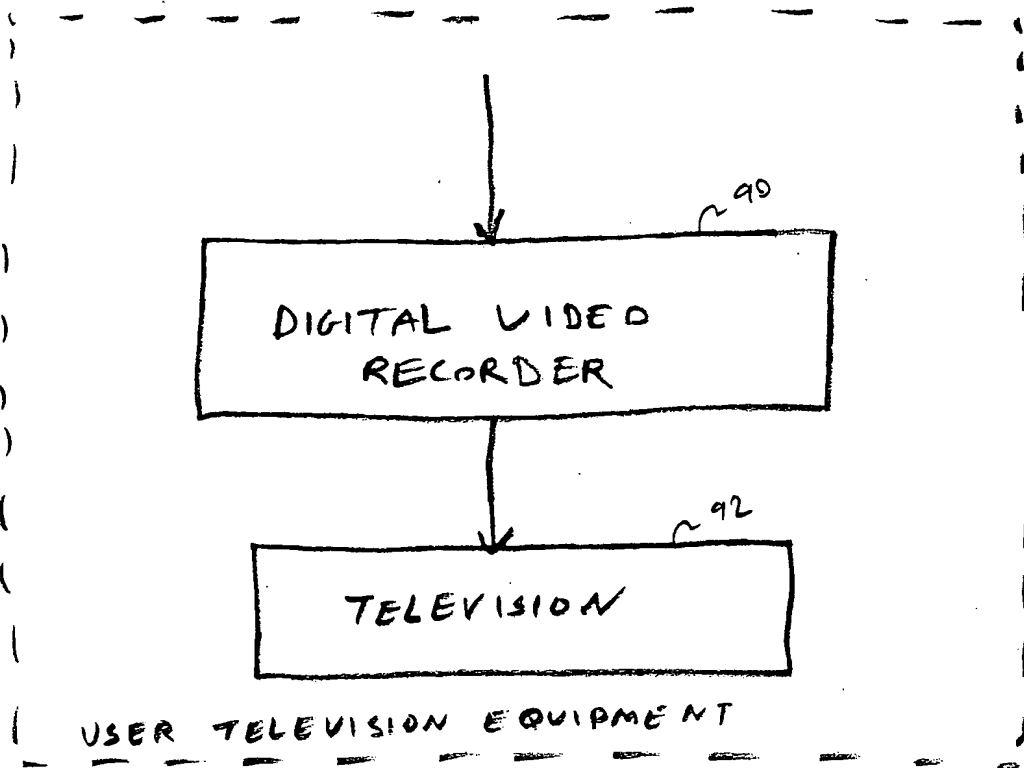


FIG. 1b

000000" 95552960

006080" 9655596 080900

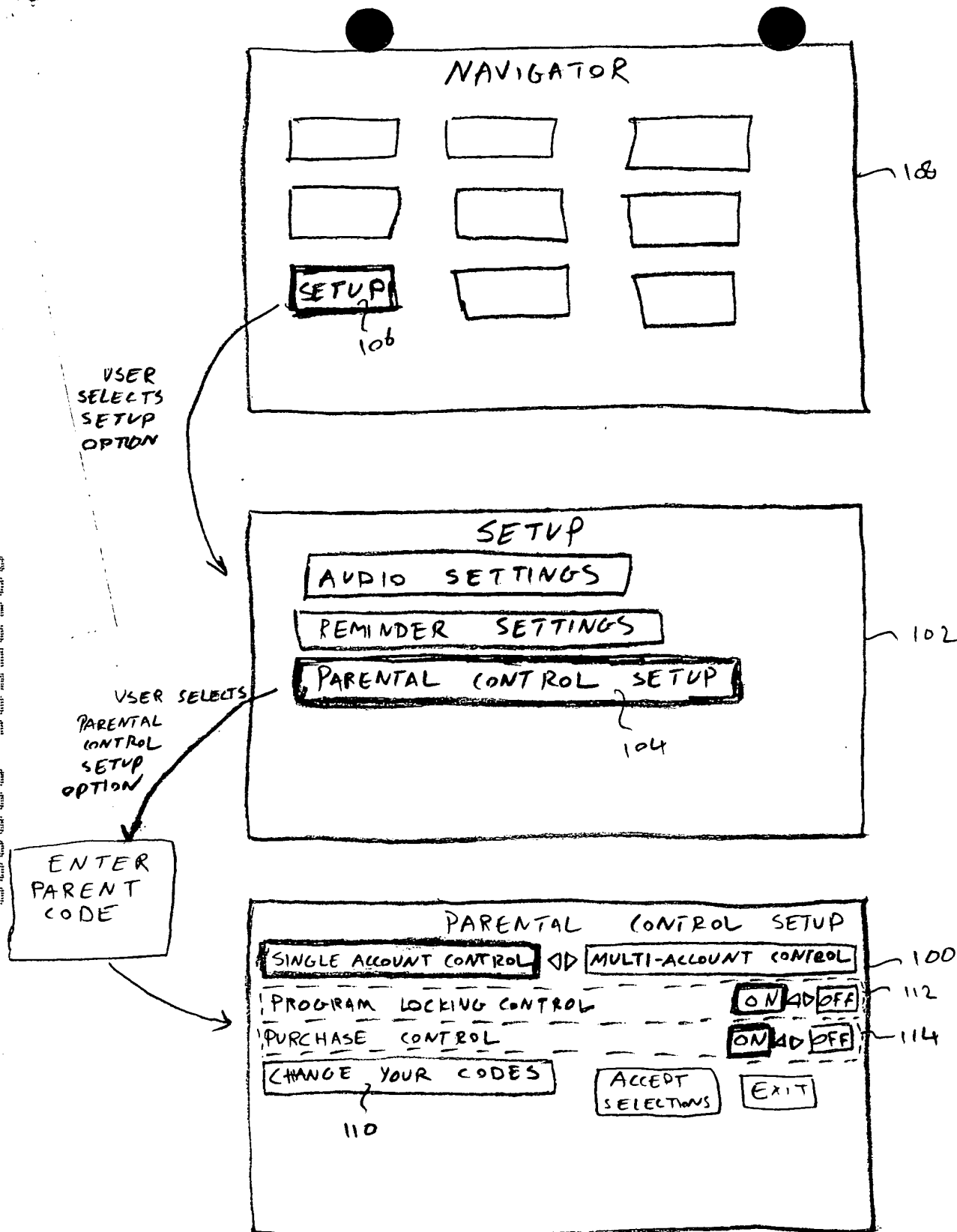
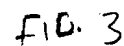


FIG. 2



### PARENTAL CONTROL SETUP 128

SINGLE ACCOUNT CONTROL
MULTI-ACCOUNT CONTROL

PROGRAM LOCKING CONTROL

PURCHASE CONTROL

CHANGE YOUR CODES

ON ☒ OFF ☐

ON ☒ OFF ☐

ACCOUNTS	TYPE
TOM	PARENT
KELLY	PARENT
TOMMY	NON-PARENT
JANE	NON-PARENT

ADD AN ACCOUNT
ACCEPT SELECTIONS
EXIT

USER  
SELECTS  
ADD AN  
ACCOUNT  
OPTION

### ENTER ACCOUNT NAME 136

PARENT ACCOUNT
NONPARENT ACCOUNT

USE DEFAULT CODES

ENTER PROGRAM CONTROL CODE

ENTER PURCHASE CONTROL CODE

YES ☒ NO ☐

REPEAT

REPEAT

XXXX

XXXX

XXXX

XXXX

ACCEPT SELECTIONS MADE
EXIT

USER MAKES  
SELECTIONS

### PARENTAL CONTROL SETUP 144

SINGLE ACCOUNT CONTROL
MULTI-ACCOUNT CONTROL

PROGRAM LOCKING CONTROL

PURCHASE CONTROL

CHANGE YOUR CODES

ON ☒ OFF ☐

ON ☒ OFF ☐

ACCOUNTS	TYPE
TOM	PARENT
KELLY	PARENT
TOMMY	NON-PARENT
JANE	NON-PARENT
KAREN	NON-PARENT

ADD AN ACCOUNT
ACCEPT SELECTIONS
EXIT

FIG. 4a

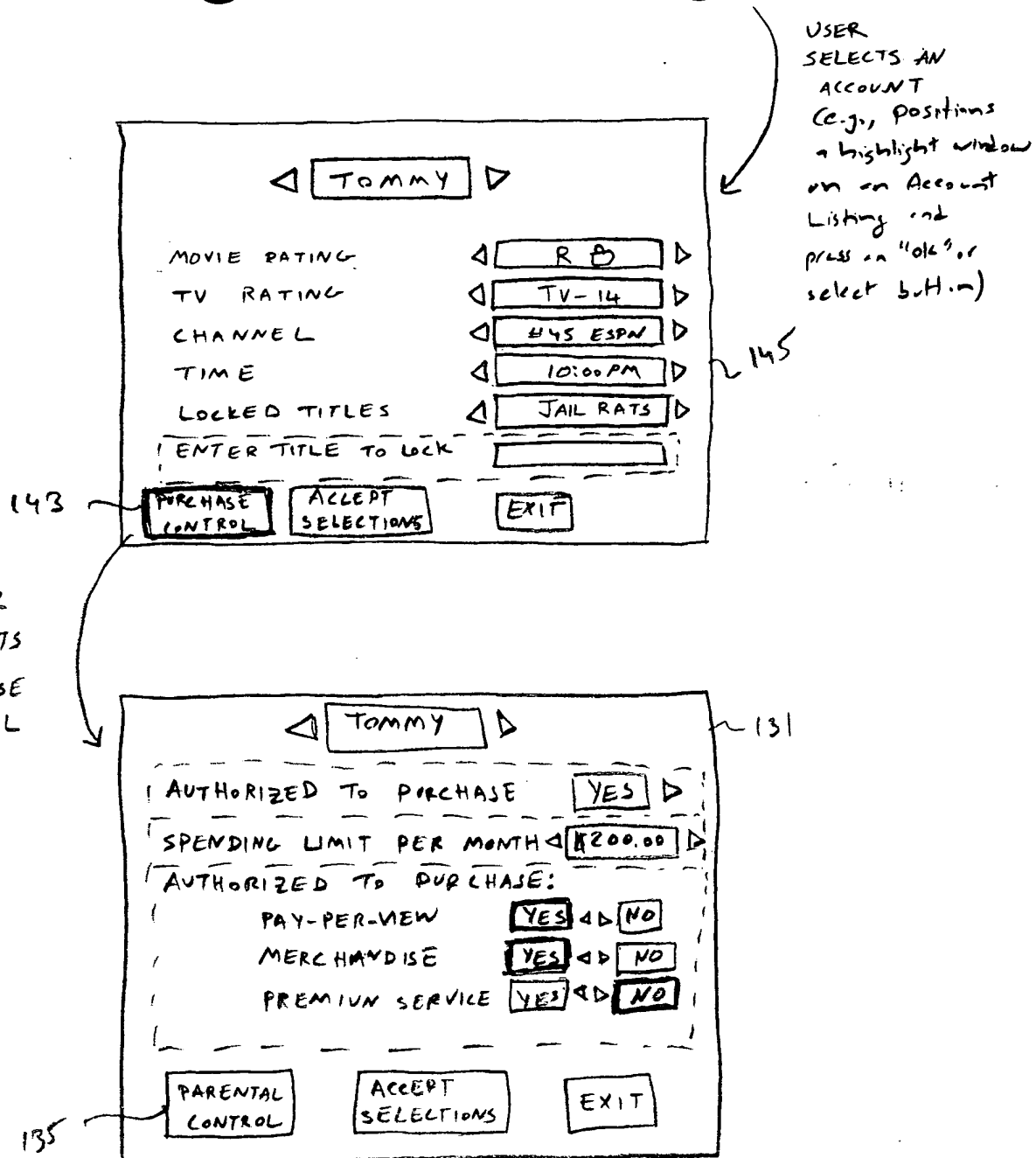


FIG. 4b

006080"9655960

**PARENTAL CONTROL SETUP**

**SINGLE ACCOUNT CONTROL** <> **MULTI-ACCOUNT CONTROL**

PROGRAM LOCKING CONTROL **ON** <> **OFF**

PURCHASE CONTROL **ON** <> **OFF**

**CHANGE YOUR CODES**

ACCOUNTS	TYPE
USER #1	PARENTAL
USER #2	NON-PARENTAL
USER #3	NON-PARENTAL

**ADD NEW ACCOUNT** **ACCEPT SELECTIONS** **EXIT**

USER SELECTS  
ADD NEW  
AN ACCOUNT  
OPTION

**DELETE ACCOUNT**

**ADD ACCOUNT - USER #4** **YES** <> **NO**

**USE DEFAULT CODES** **YES** <> **NO**

**PARENT ACCOUNT** **YES** <> **NO**

PROGRAM CONTROL CODE XXXX	Repl. F XXXX
PURCHASE CONTROL CODE XXXX	Repl. F XXXX

**ACCEPT SELECTIONS** **EXIT**

USER SELECTS  
TO ADD  
USER #4  
AND TO  
ADD  
USER #4

**PARENTAL CONTROL SETUP**

**SINGLE ACCOUNT CONTROL** <> **MULTI-ACCOUNT CONTROL**

PROGRAM LOCKING CONTROL **ON** <> **OFF**

PURCHASE CONTROL **ON** <> **OFF**

**CHANGE YOUR CODES**

ACCOUNTS	TYPE
USER #1	PARENT
USER #3	NON-PARENT
USER #4	NON-PARENT

**ADD NEW ACCOUNT** **ACCEPT SELECTIONS** **EXIT**

FIG. 59

USER #3

Delete Account

SETTINGS

MOVIE RATING

TV RATING

CHANNEL

TIME

LOCKED TITLES

ENTER TITLE TO LOCK

USER  
SELECTS  
USER #3

USER  
SELECTS to  
DELETE ACCOUNT  
#3 and  
ACCEPTS  
THE SELECTION  
MADE

FIG. 5b

PARENTAL CONTROL SETUP

PROGRAM LOCKING CONTROL

PURCHASE CONTROL

USER #1 PARENT

USER #2 NON-PARENT

USER #4 NON-PARENT

006080"9655E960



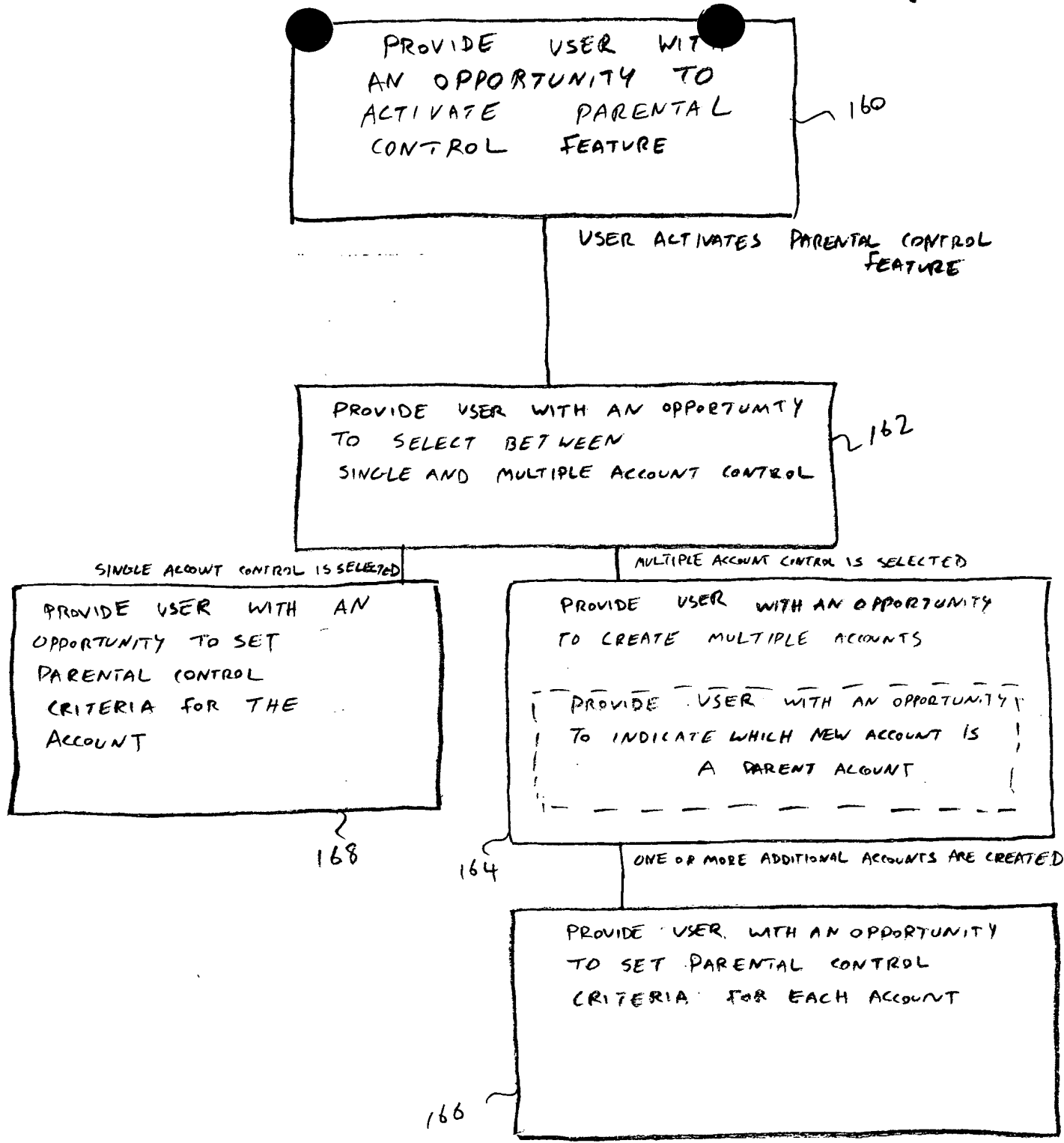
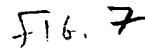
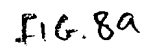


FIG 6

00635596 080900





◀ JANE ▶

MOVIE RATING ▶ R ◀

TV RATING ▶ TV-14 ◀

CHANNEL ▶ #55 (DISNEY) ▶

TIME ▶ 11:00 PM ◀

LOCKED TITLES ▶ NYPD BLUE ▶

ADD A TITLE LOCK

ACCEPT SELECTIONS EXIT

USER  
SELECTS  
ADD A TITLE  
Lock option

TITLE SEARCH  
DISPLAY SCREEN

ENTER FIRST THREE LETTERS:

F R A

FRANCE TODAY

FRANKS & BEANS

FRAZIER ▶

USER  
SEARCHES  
and  
SELECTS  
FRAZIER

◀ JANE ▶

MOVIE RATING ▶ R ◀

TV RATING ▶ TV-14 ◀

CHANNEL ▶ #55 (DISNEY) ▶

TIME ▶ 11:00 PM ◀

LOCKED TITLES ▶ FRAZIER ▶

ADD A TITLE LOCK

ACCEPT SELECTIONS EXIT

FIG. 8b

006080" 96555960

DISPLAY A DISPLAY SCREEN THAT  
INCLUDES A LIST OF ATTRIBUTE CATEGORIES  
AND ALLOWS A USER TO NAVIGATE BETWEEN  
CATEGORIES

194

PROVIDE USER WITH AN  
OPPORTUNITY TO INDICATE AN INTEREST  
IN A VALUE FOR AN  
ATTRIBUTE CATEGORY

196

DISPLAY A LOCKED STATUS  
INDICATOR

196a

USER INDICATES AN INTEREST IN A  
VALUE

PROVIDE USER WITH AN  
OPPORTUNITY TO CHANGE  
THE LOCK SETTINGS OF THE  
ATTRIBUTE VALUE

198

USER LOCKS/UNLOCKS ATTRIBUTE  
VALUE

PROVIDE USER WITH AN  
OPPORTUNITY TO SELECT  
ONE OR MORE  
ACCOUNTS

200

USER SELECTS ONE OR MORE NON-PARENT  
ACCOUNTS

PROVIDE USER WITH AN  
OPPORTUNITY TO APPLY  
THE CHANGES TO THE  
SELECTED ACCOUNTS

202

FIG. 9

USER  
SELECTS PARENTAL  
CONTROL OPTION

ENTER PARENTAL  
CONTROL CODE

USER #1 XXXXXX

USER # |  
PARENT  
CODE IS  
ENTERED

MOVIE RATING

TV RATING

CHANNEL

TIME

LOCKED TITLES

PG-8

TV-6

#30 CH80

7:00 AM

DALLAS

ADD A TITLE LOCK

APPLY

USER changes the setting for channel #30 (HBO)

MOVIE RATING PG

TV RATING TV-G

CHANNEL H30(HBO)

TIME 7:00 AM

LOCKED TITLES DALLA-3

ADD A TITLE LOCK

APPLY

USER  
SELECTS  
APPLY  
OPTION

Fig. 10a

APPLY CHANGE(S)  
TO WHICH ACCOUNTS:

USER #2

YES ▷

USER #3

◁ NO

USER #4

YES ▷

OK

210

USER  
SELECTS  
WHICH USERS  
AND  
EXITS

DISPLAY SCREEN  
FROM WHICH THE  
PARENTAL CONTROL  
OPTION WAS SELECTED

Fig. 106

006080" 9655E960

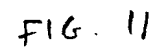


FIG. 11



USER  
SELECTS THE  
PARENTAL CONTROL  
OPTION AND ENTERS  
A PARENTAL CODE

WHICH ACCOUNTS ARE YOU  
INTERESTED IN CHANGING?

USER #2

NO

USER #3

YES

USER #4

NO

OK

224

USER  
SELECTS  
ACCOUNTS  
AND  
SELECTS  
OK  
OPTION

MOVIE RATING



PG



TV RATING



TV-G



CHANNEL



#30 (HBO)



TIME



10:00 PM



LOCKED TITLES



HOMICIDE



ADD A TITLE LOCK

APPLY CHANGES  
TO SELECTED ACCOUNTS

Gray lock icon

Black lock icon

Black lock icon

226

USER  
changes  
PG  
LOCK SETTING

MOVIE RATING



PG



TV RATING



TV-G



CHANNEL



#30 (HBO)



TIME



10:00 PM



LOCKED TITLES



HOMICIDE



ADD A TITLE LOCK

APPLY CHANGES  
TO SELECTED ACCOUNTS

Black lock icon

Black lock icon

Black lock icon

FIG. 12

228

USER SELECTS  
THE APPLY  
CHANGES OPTION

DISPLAY THE SCREEN FROM THE PARENTAL  
CONTROL OPTION WAS INITIATED AND APPLY CHANGES

230

006080" 9655E960

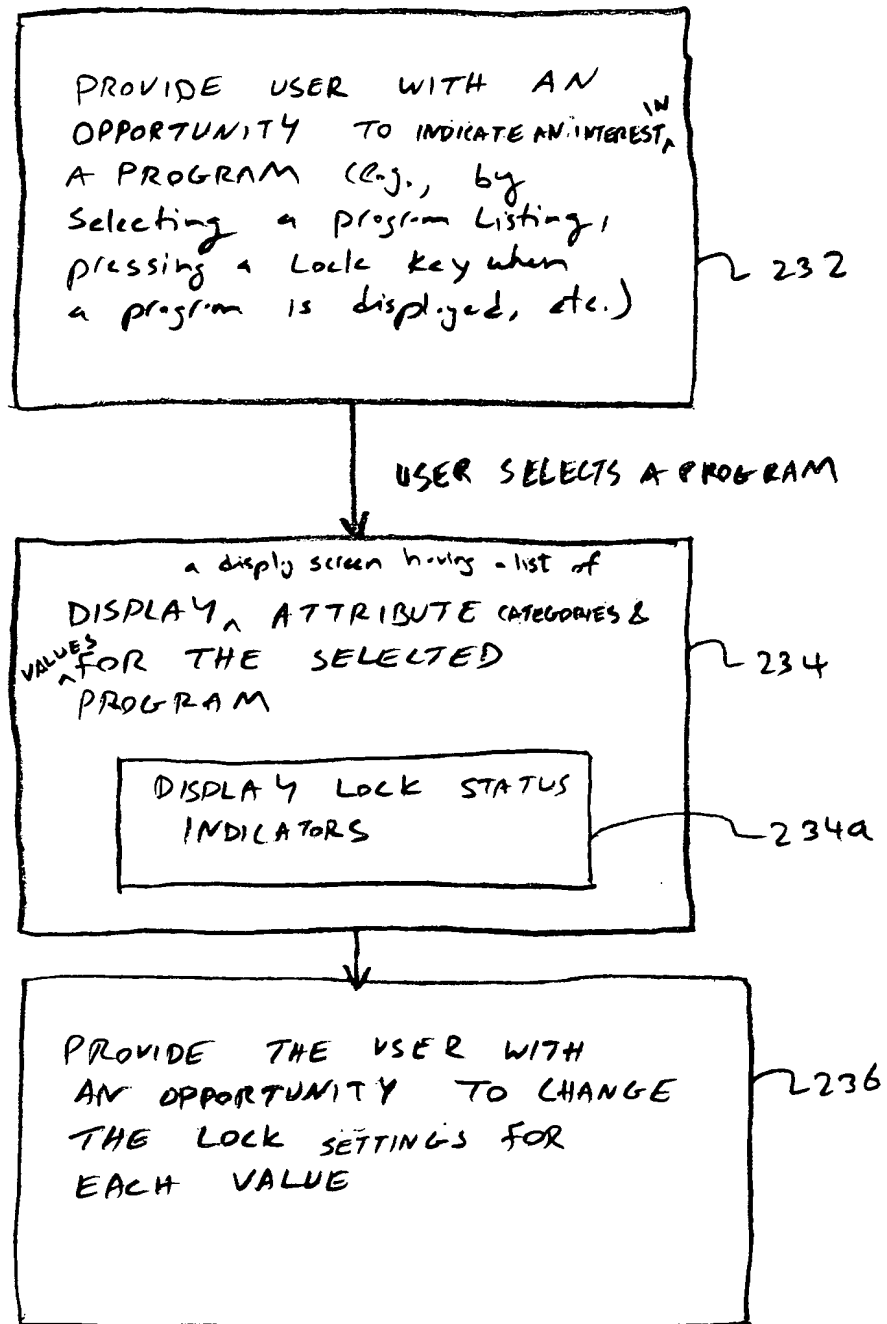
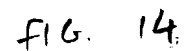


FIG. 13

00635596-000500



005080" 9655E960

INFORMATION ON  
THE TALENTED  
MR. RIPLEY

REMINDER RECORD PREFERENCES **PARENTAL LOCK**

2244

250

USER SELECTS PARENTAL LOCK OPTION  
USER ENTERS PARENTAL CODE

WHICH ACCOUNTS ARE YOU INTERESTED IN CHANGING?

TOMMY YES  
JANE NO  
KAREN YES

OK

2246

USER SELECTS WHICH ACCOUNTS

MOVIE RATING R  
TV RATING N/A  
CHANNEL #75 CINEMAX  
TIME 9:15 PM  
LOCK/UNLOCK TITLE THE TALENTED MR. RIPLEY

APPLY CHANGES TO SELECTED ACCOUNTS

2248

black lock icon

USER SELECTS THE TIME SETTING TO HAVE IT LOCKED FOR ALL SELECTED ACCOUNTS AND SELECTS APPLY CHANGES option

FIG. 15

THE USER IS RETURNED TO THE INFO. SCREEN FOR THE TALENTED MR. RIPLEY

005080" 9655E960

USER  
SELECTS  
LOCK KEY

VIDEO OF  
APOCALYPSE NOW  
ON CHANNEL 50

252

USER ENTERS  
PARENTAL CODE

MOVIE RATING  ☐

TV RATING

CHANNEL

TIME

LOCK/UNLOCK TITLE

black lock icon

254

USER  
CHANGES  
THE  
R-RATED  
SETTING

MOVIE RATING  ☐

TV RATING

CHANNEL

TIME  ☐

LOCK/UNLOCK TITLE

black lock icon

256

black lock icon

USER  
SELECTS  
APPLY  
OPTION

ALLOW THE USER TO SELECT TO  
WHICH ACCOUNTS THE CHANGES SHOULD  
BE MADE

FIG 16

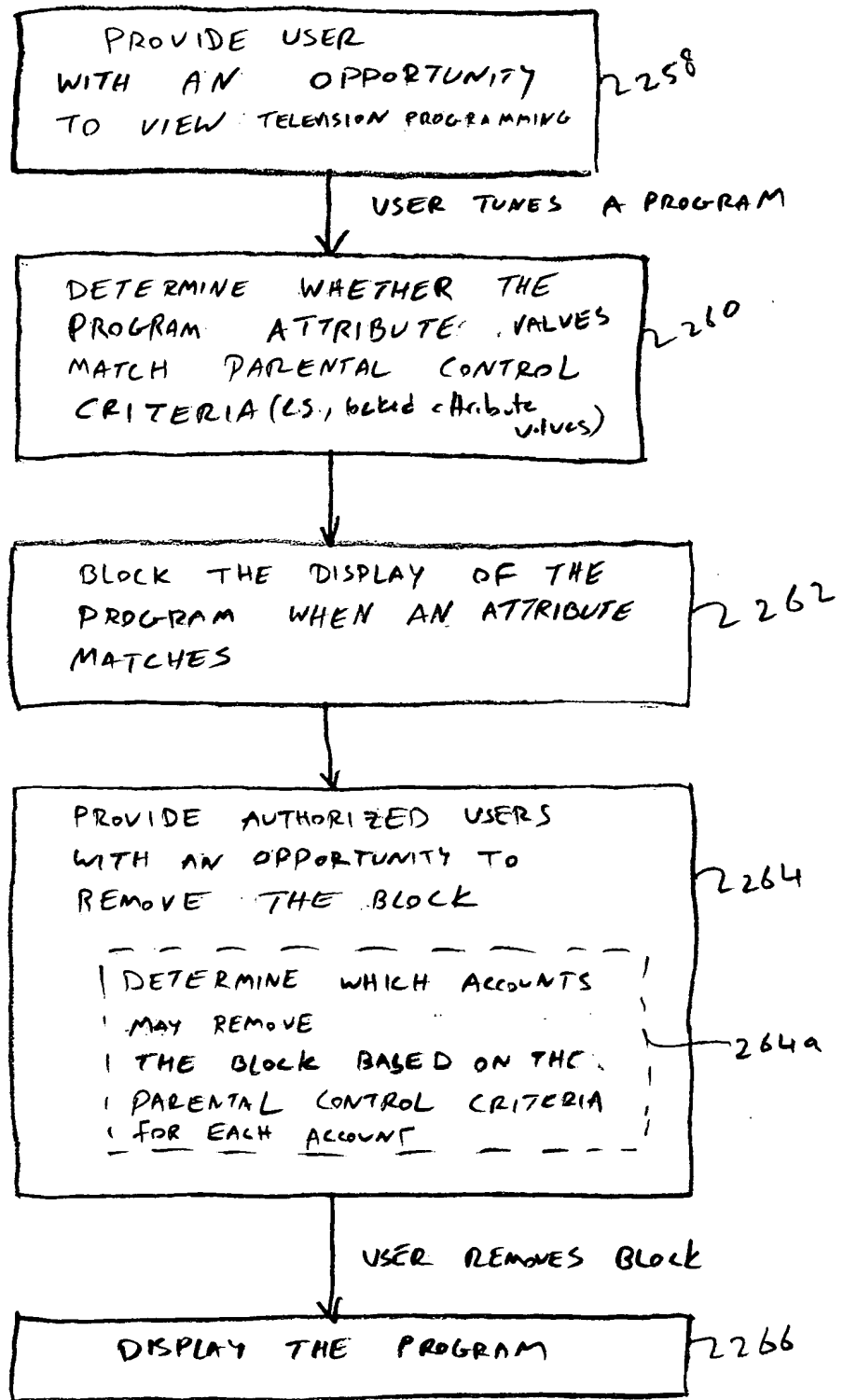
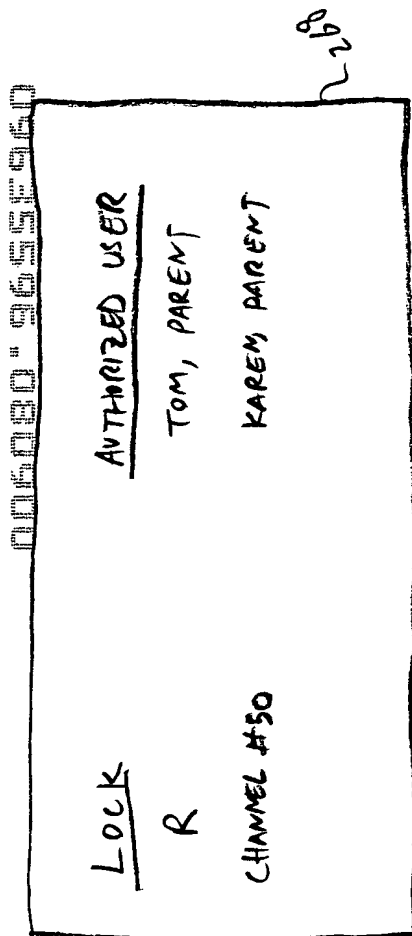
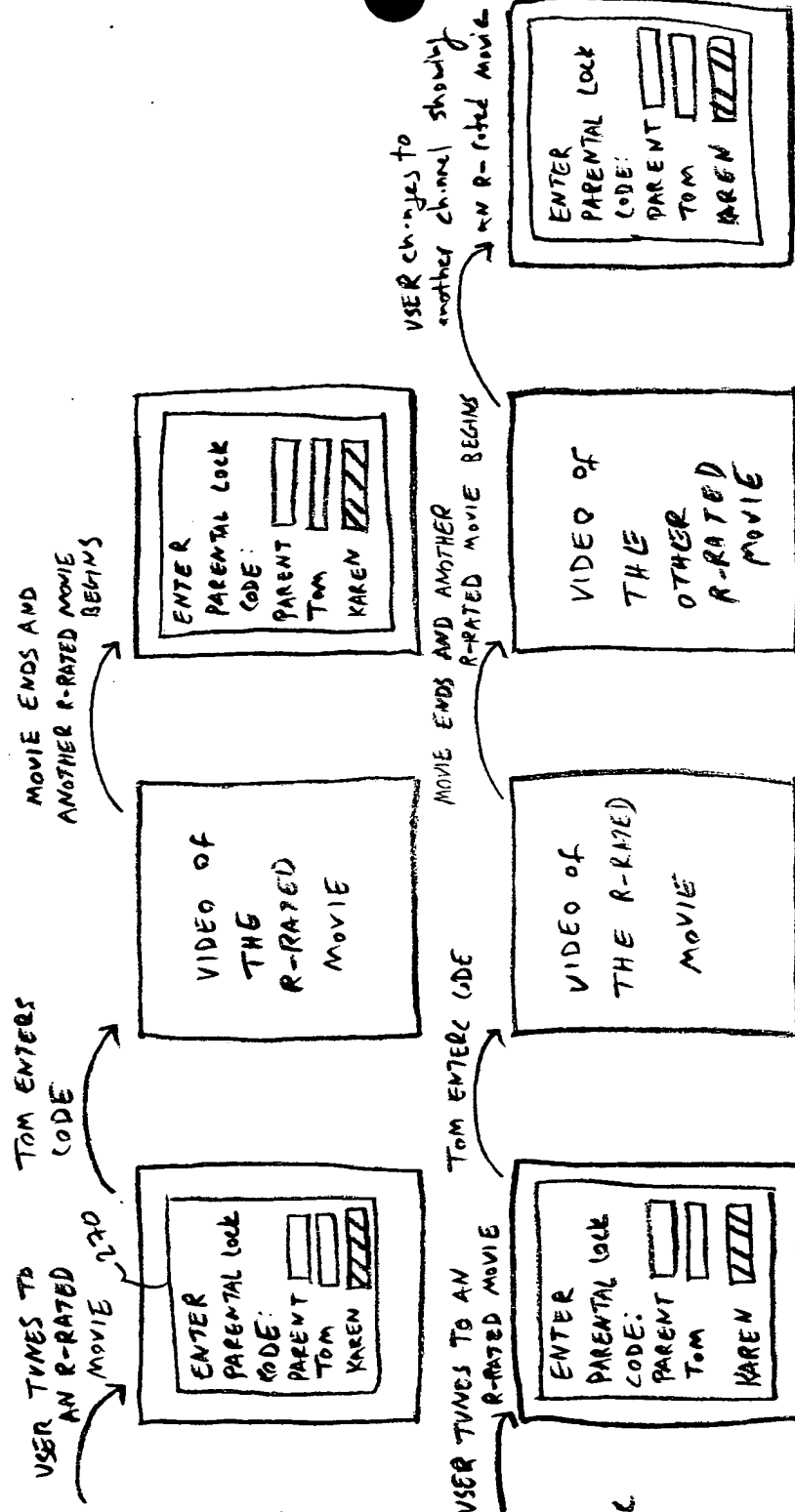


FIG. 17

00635596 080900



516.18a



981717

596.182

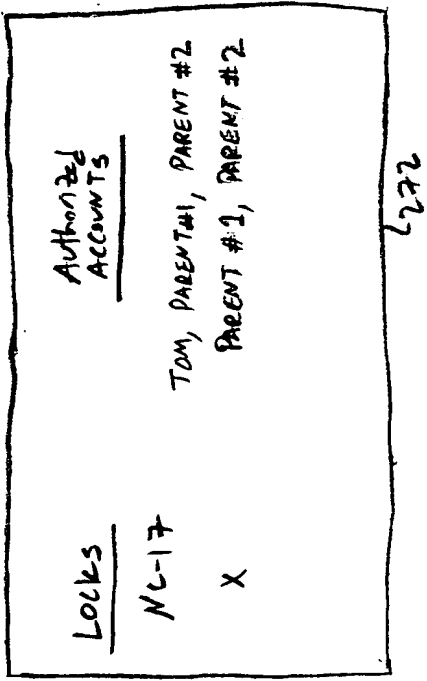


FIG. 19a

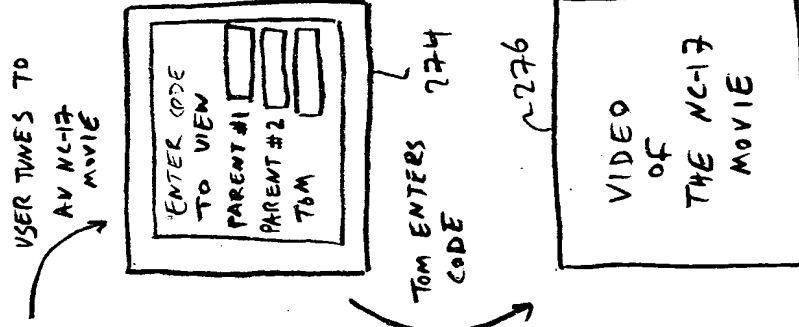
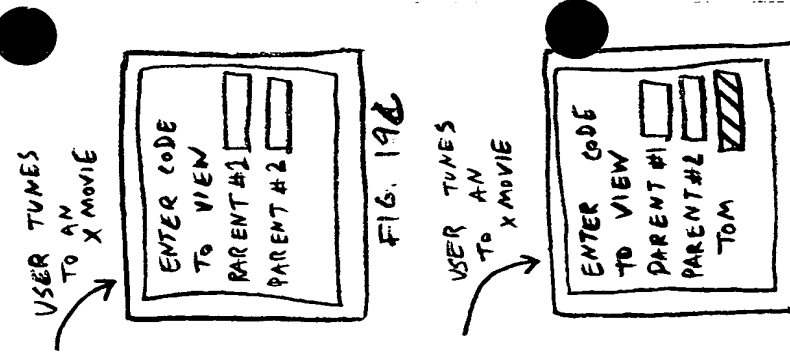


FIG. 19b





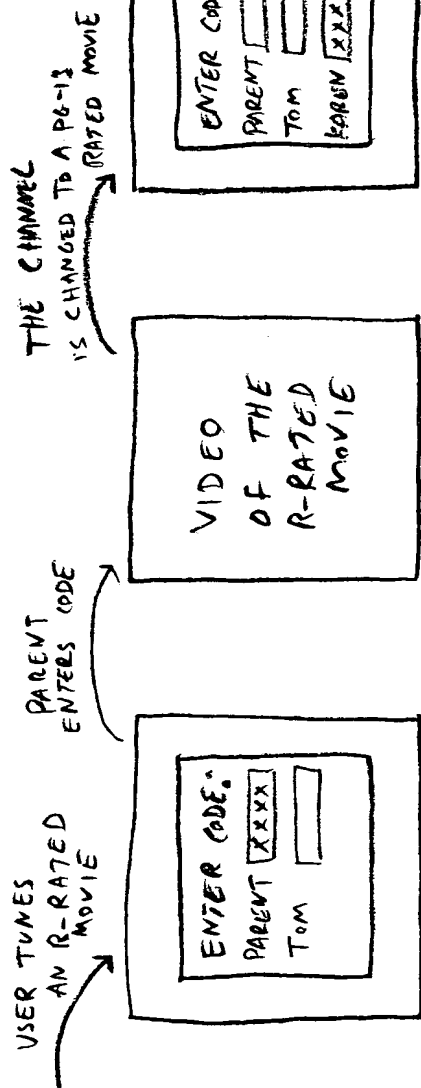
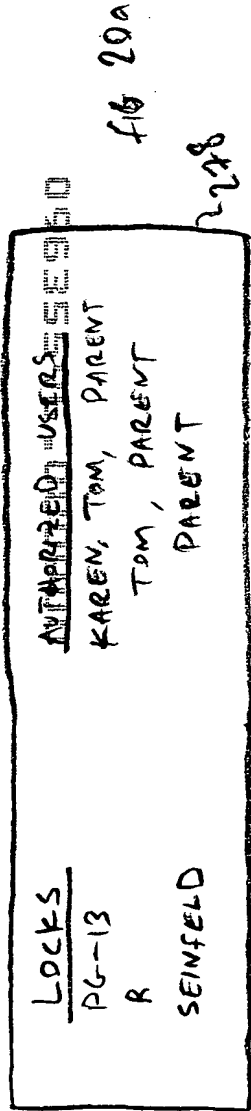


FIG. 20b

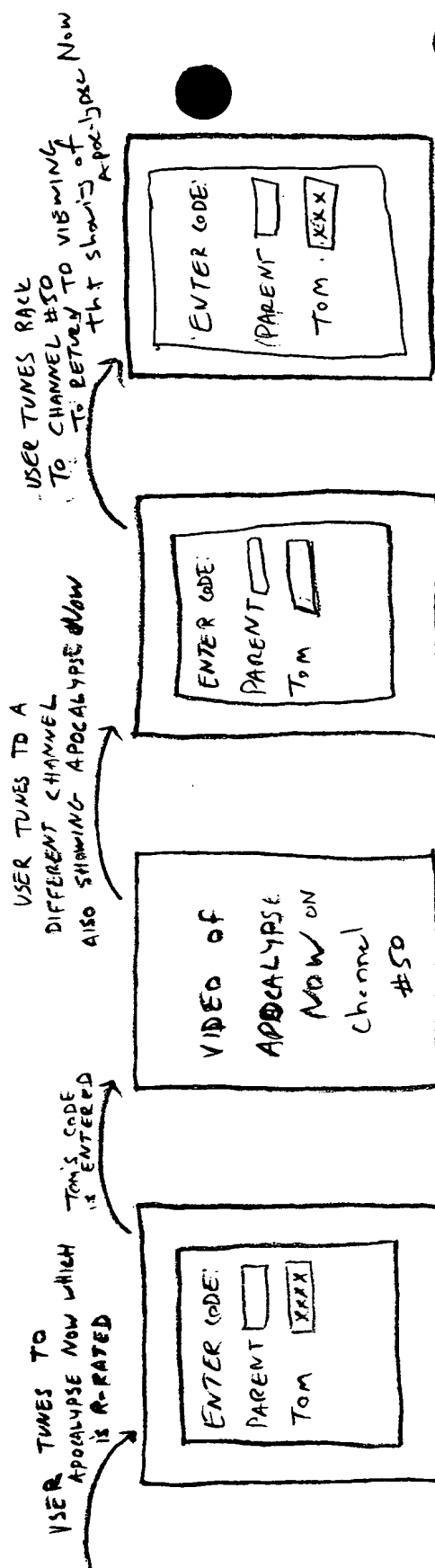
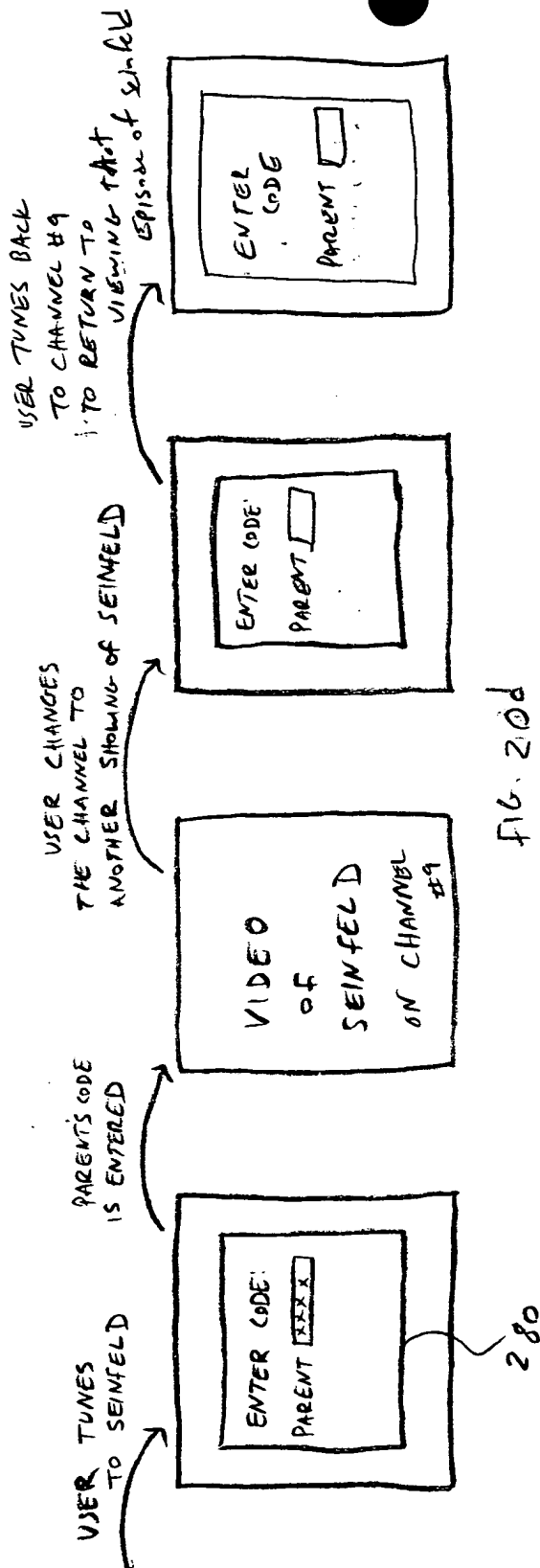


FIG. 20c

000000" 96552960



UV-157

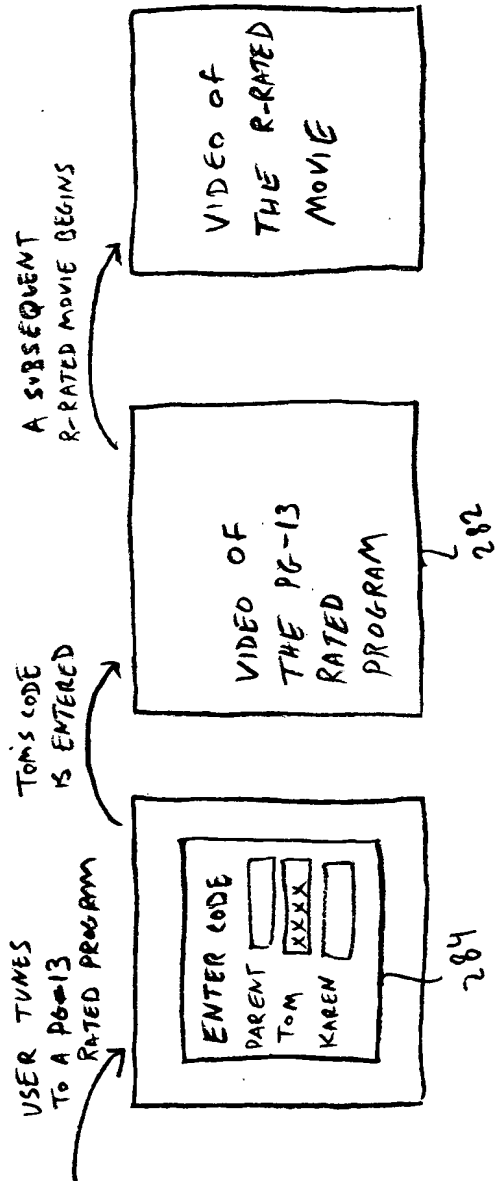


FIG. 21A

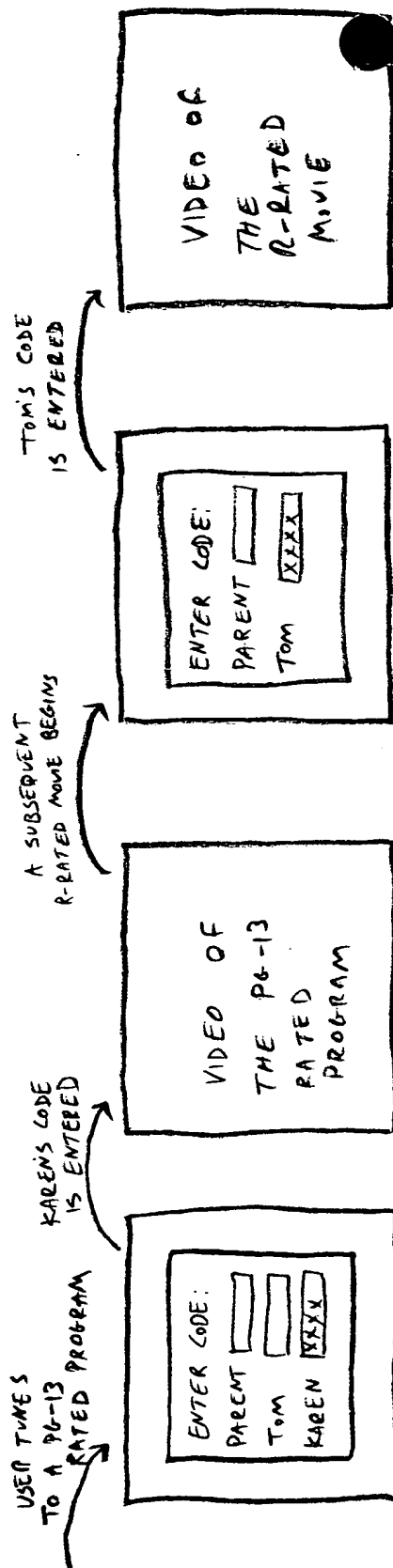


FIG. 21C



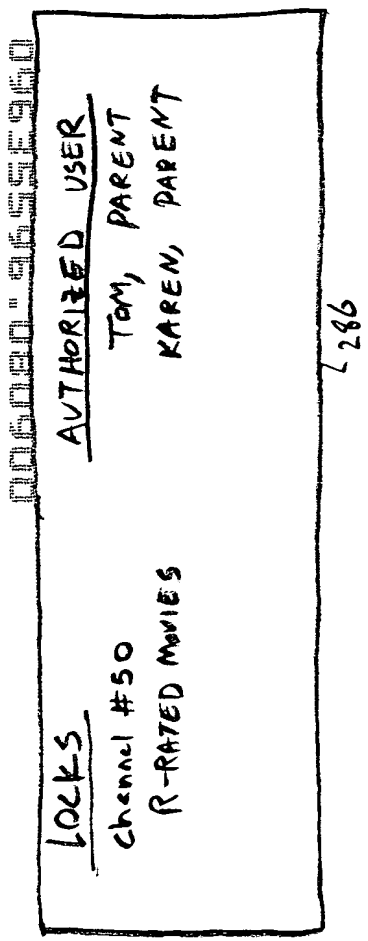
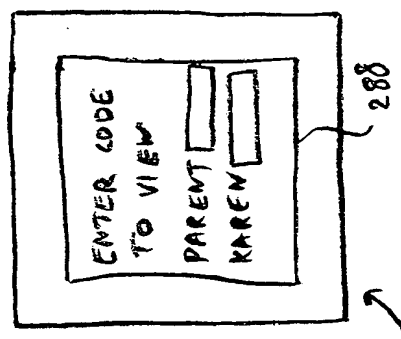
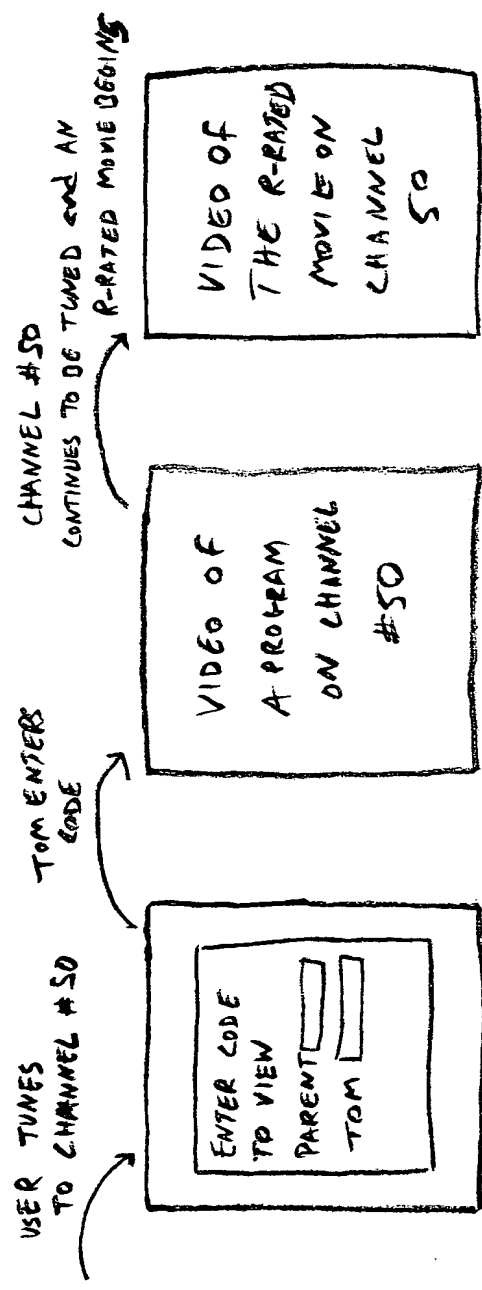


FIG. 22a



USER TUNES ANOTHER CHANNEL WHICH IS SHOWING AN R-RATED MOVIE

FIG. 22b

000000 "USER MANAGES"  
TO MOVIE RATING AND  
REMOVES LOCK ON R-RATED MOVIES

MIKE ▾

MOVIE RATING ▾ PG ▾

TV RATING ▾ TV-14 ▾

CHANNEL ▾ #55 (HBO) ▾

TIME ▾ 11:00 PM ▾

LOCKED TITLES ▾ MOONSTRUCK ▾

ADD TO TITLE LOCK

300

MIKE ▾

MOVIE RATING ▾ R ▾

TV RATING ▾ TV-14 ▾

CHANNEL ▾ #55 (HBO) ▾

TIME ▾ 11:00 PM ▾

LOCKED TITLES ▾ MOONSTRUCK ▾

ADD TO TITLE LOCK

302

FIG. 23A

USER TUNES  
A PG-RATED  
PROGRAM

ENTER  
CODE TO  
VIEW PROGRAM  
PARENT  
TOM

USER  
TUNES  
AN R-RATED  
PROGRAM

VIDEO OF  
THE R-RATED  
MOVIE

USER TUNES  
AN R-RATED  
PROGRAM

Video of  
the R-rated  
Movie

USER TUNES  
A PG-RATED  
PROGRAM

VIDEO  
OF THE  
PG-RATED  
PROGRAM

FIG. 23b

FIG. 23c

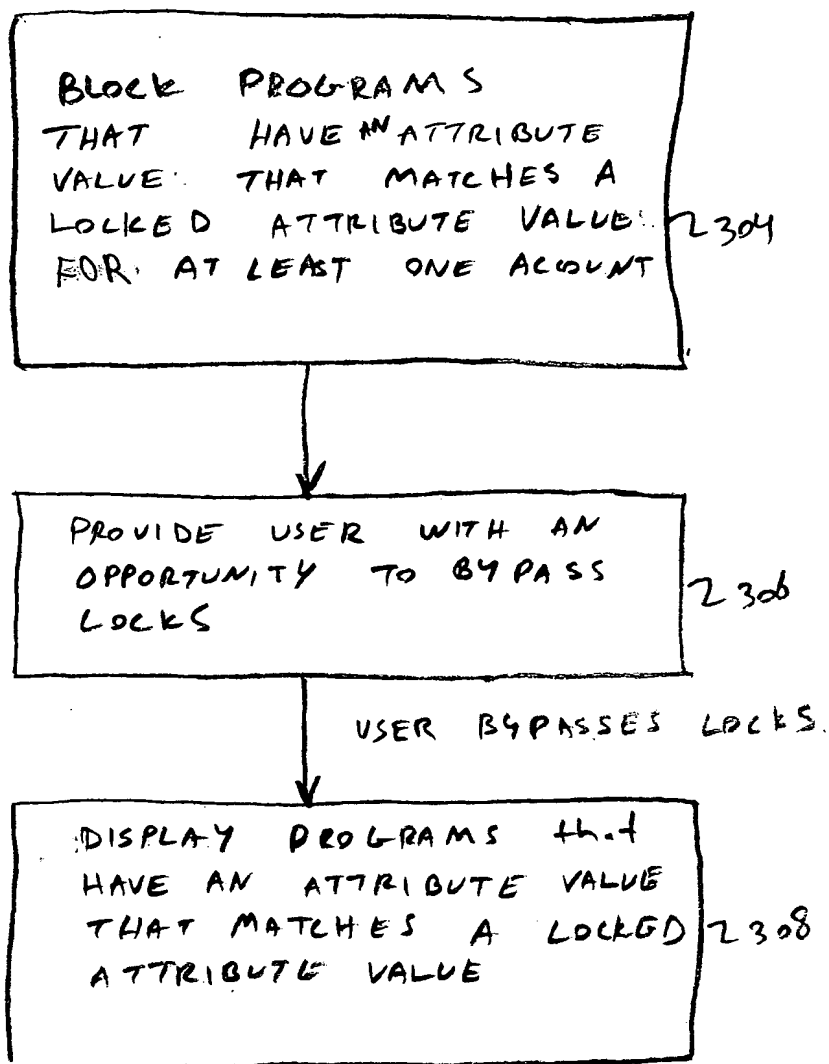
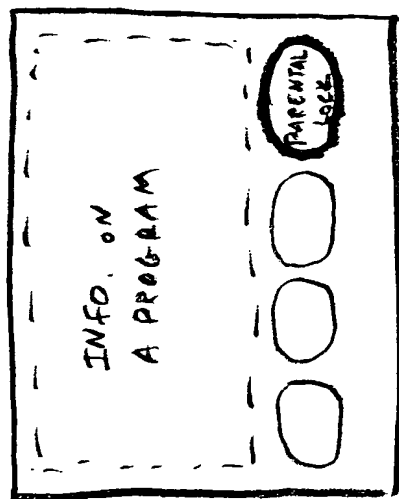
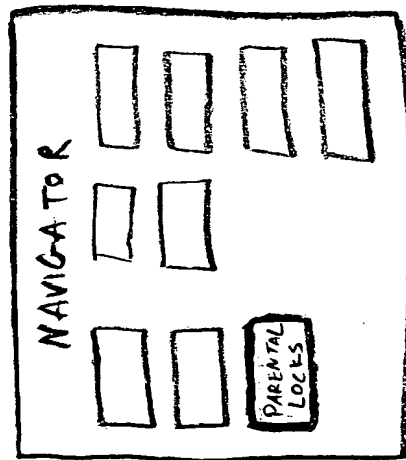
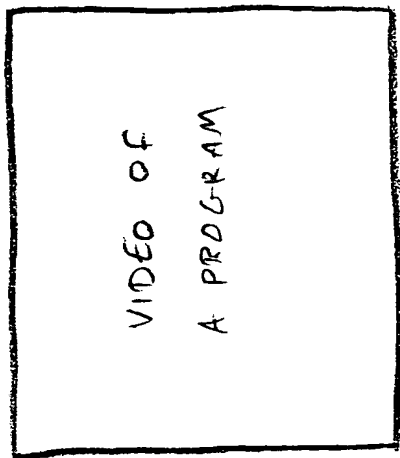


FIG. 24

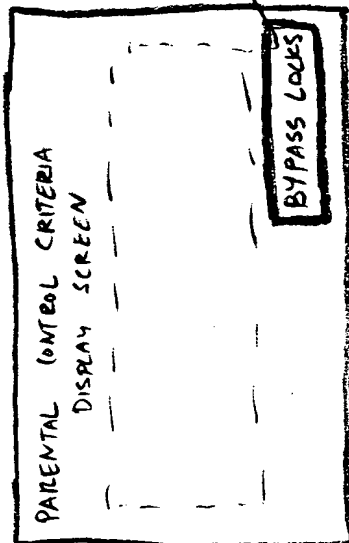


USER  
SELECTS  
PARENTAL LOCK

USER  
SELECTS  
PARENTAL  
LOCKS

USER PASSES  
LOCK KEY

USER ENTERS CODE



312

USER SELECTS  
BYPASS LOCKS AND  
IF DESIRED, REENTERS  
PRESENT CODE

310

Guide sets a BYPASS  
of ALL LOCKS

DISPLAY of  
INITIATING DISPLAY  
SCREEN

FIG. 25



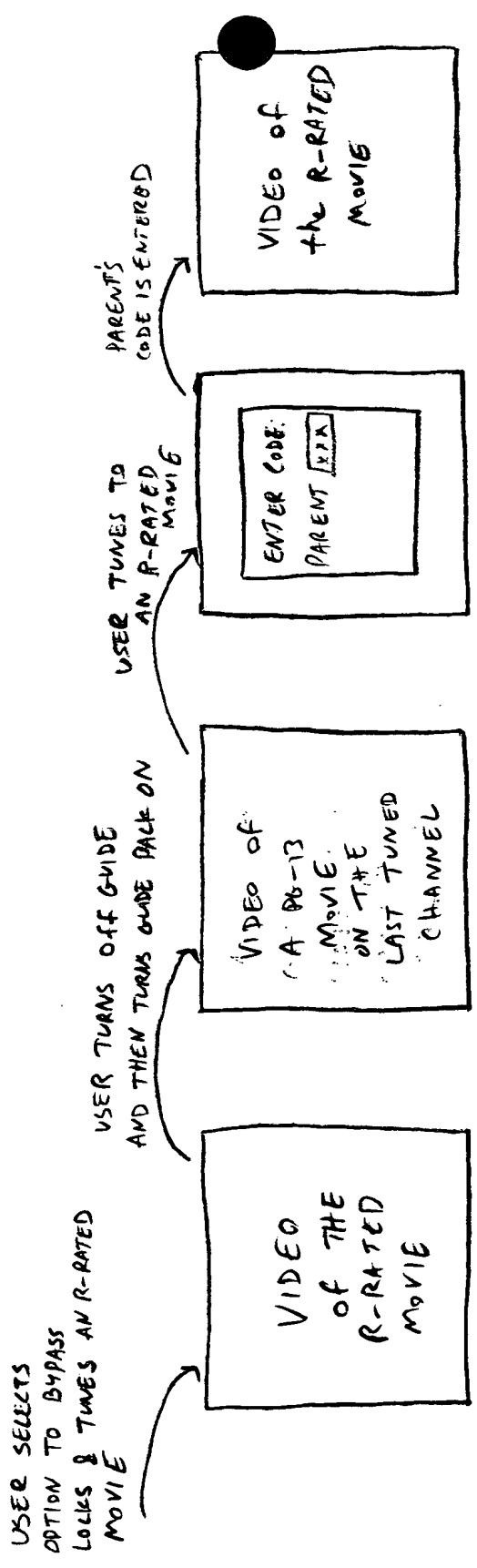
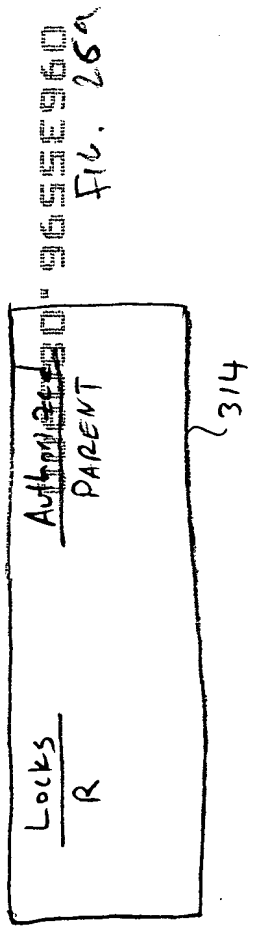


FIG. 25b

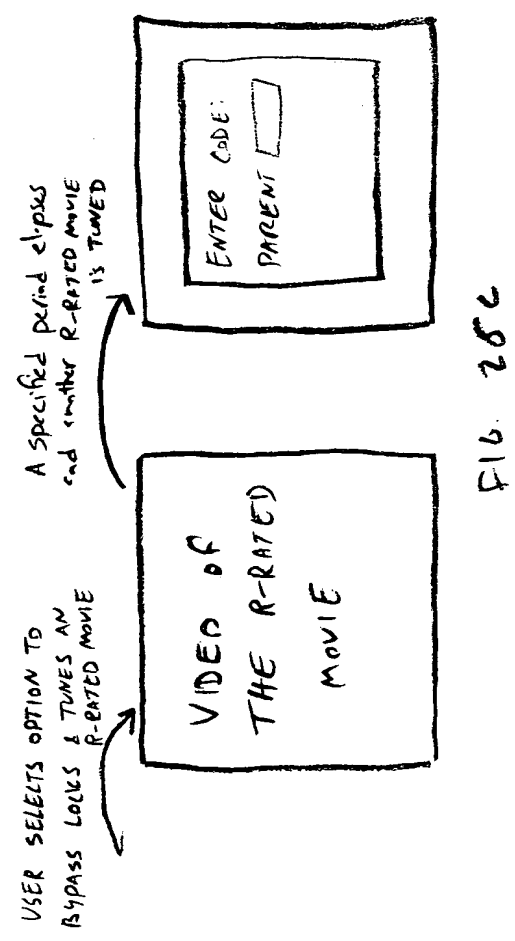
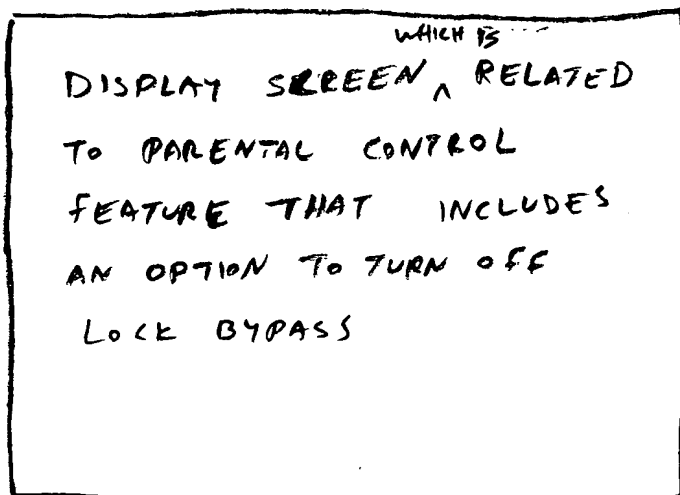


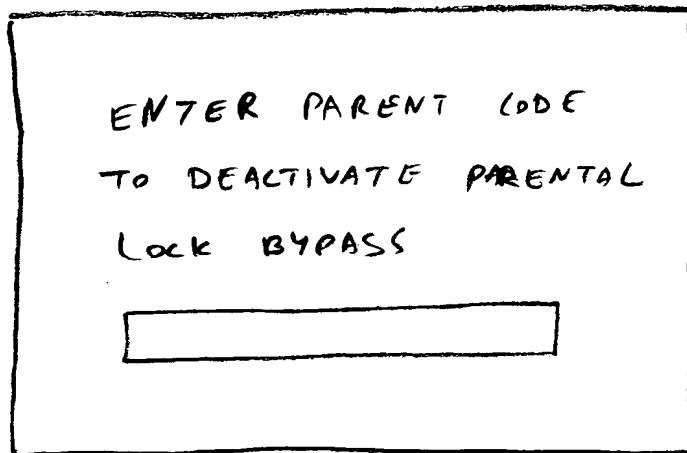
FIG. 25c

USER  
ACCESS  
A PROGRAM GUIDE  
FEATURE



316

USER  
SELECTS  
OPTION



318

FIG. 27

006080" 96555960

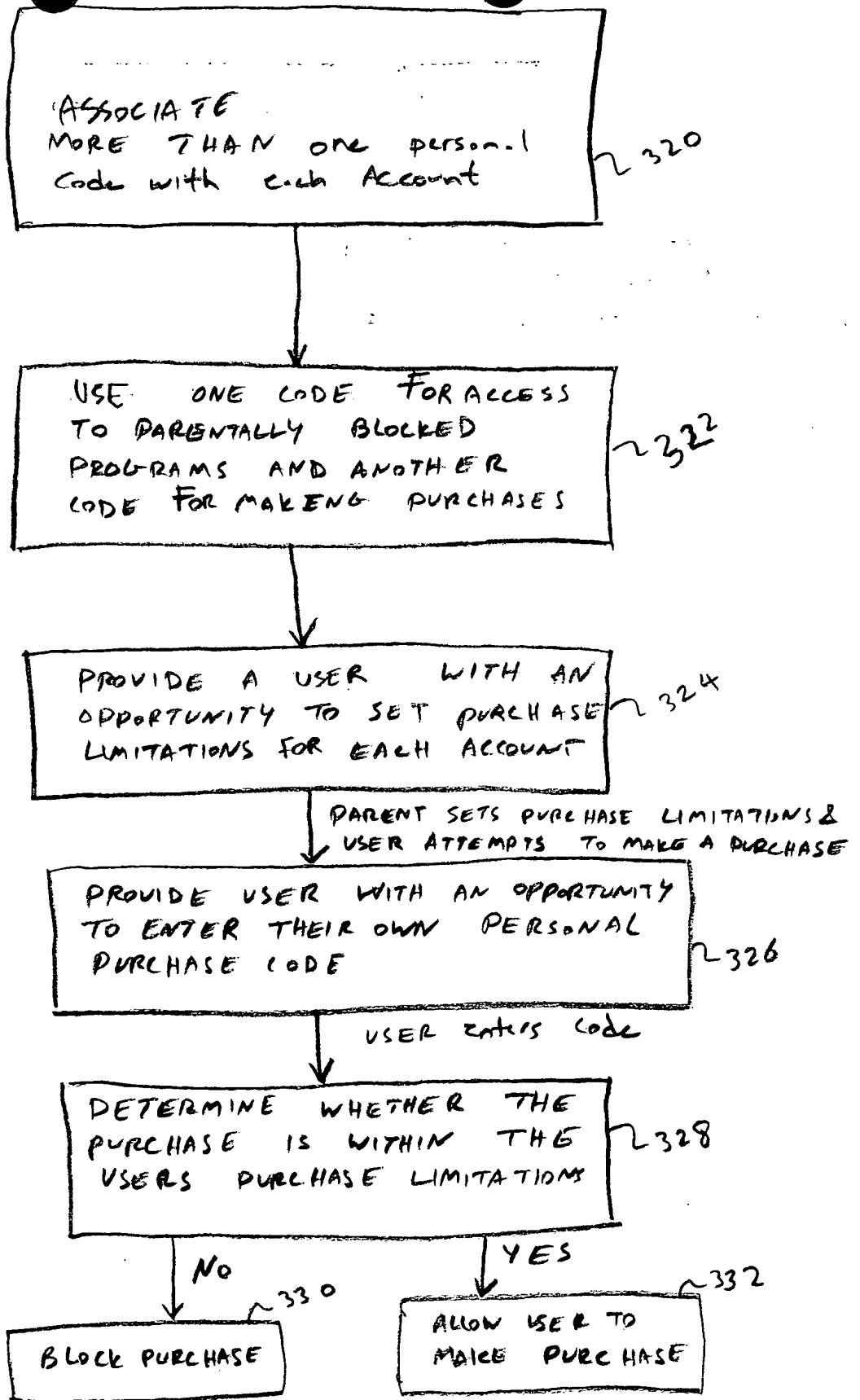


FIG. 28

00635596-080900

006080"9655960

USER  
SELECTS  
PURCHASE  
CONTROL  
OPTION

A PURCHASE  
CODE  
IS  
ENTERED

### NAVIGATOR

PURCHASE CONTROL		

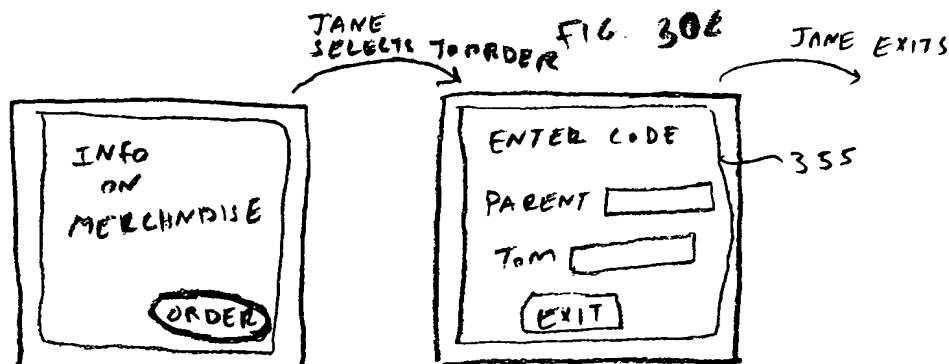
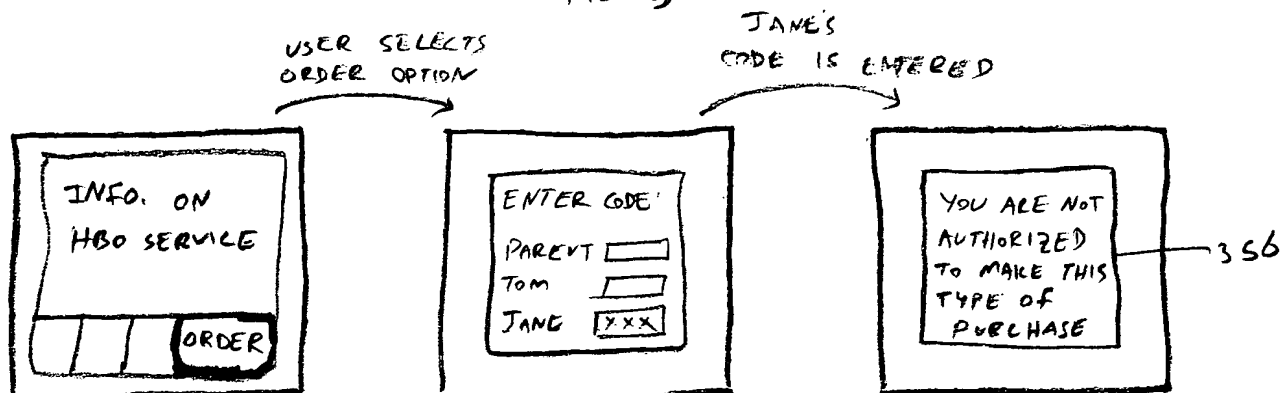
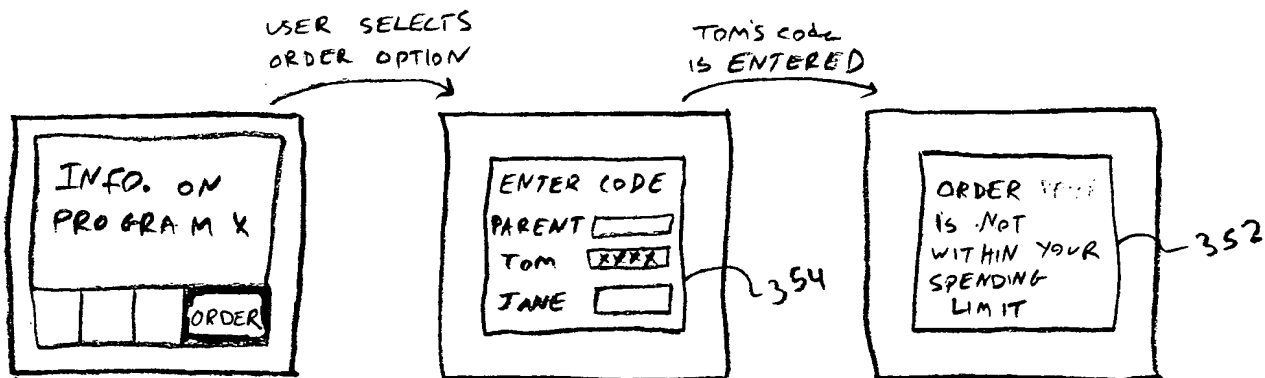
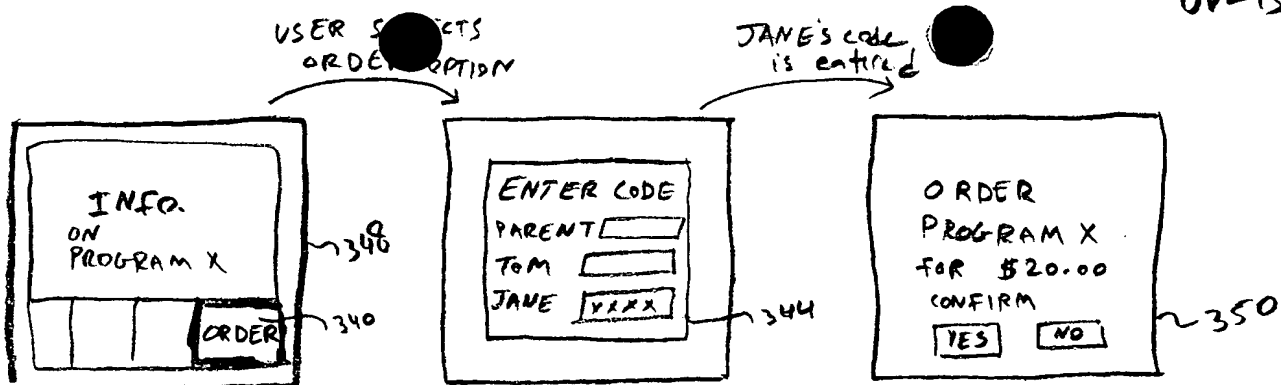
### ENTER PARENTAL PURCHASE CONTROL CODE

PARENT XXXX

◀ JANE ▶

AUTHORIZED TO PURCHASE	YES ▶
SPENDING LIMIT PER MONTH	\$100.00 ▶
AUTHORIZED PURCHASE	
PAY-PER-VIEW	YES NO
MERCHANDISE	YES NO
PREMIUM SERVICE	YES NO

FIG. 29



006030" 9655960

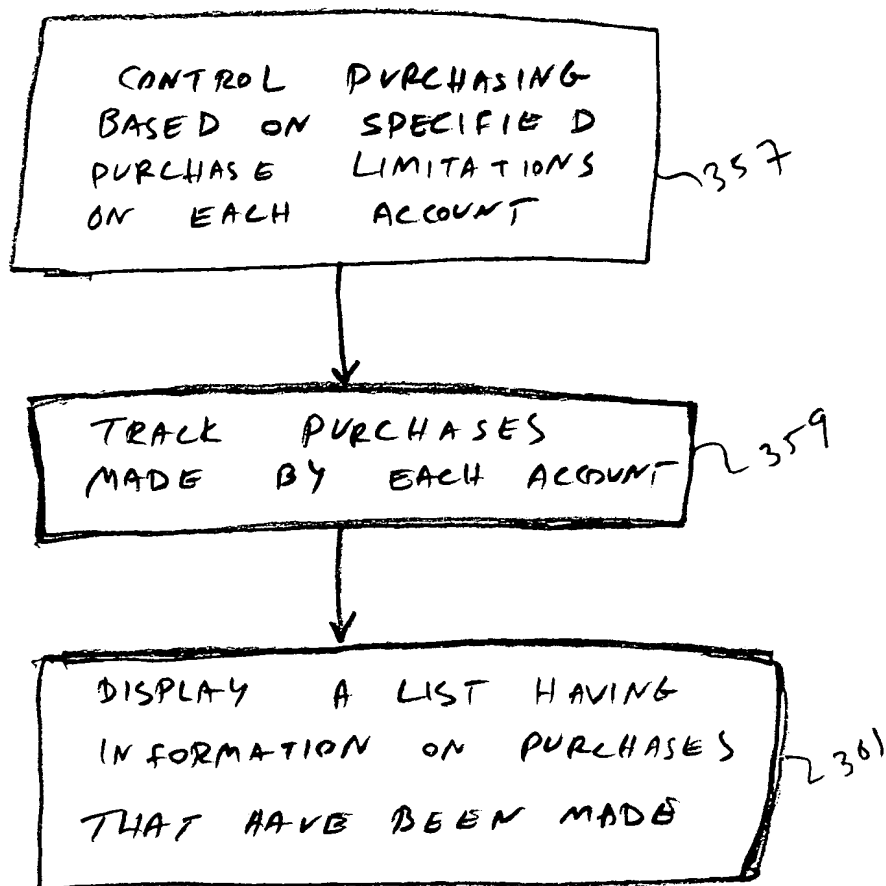


FIG. 31.

09635596-080900

**NAVIGATOR**

<div style="border: 2px solid black; display: inline-block; padding: 2px 5px;">PURCHASE TRACKING</div>		

USER  
SELECTS  
PURCHASE  
TRACKING

FIG. 329

PURCHASES		
<u>TOM</u>		
1/18	WWF PPV	\$5.00
1/17	HBO	\$30.00
		Subtotal - \$35.00
<u>KAREN</u>		
1/17	BRONCOS HAT	\$20.00
1/3	TOY STORY 2	\$5.00
		Subtotal - \$25.00
		Total - \$60.00

**CABLE BILL**

BASIC SERVICE	\$22.00
1/18 WWF PPV-TOM	\$5.00
1/17 HBO service-TOM	\$30.00
1/17 BRONCOS HAT-KAREN	\$20.00
1/3 TOY STORY-2-KAREN	\$5.00
TOTAL DUE <span style="border: 1px solid black; display: inline-block; width: 50px; height: 20px; vertical-align: middle;"></span>	

FIG. 32b

**CREDIT CARD STATEMENT  
OF PARENT**

---

PURCHASES:

1/17 BRONCOS HAT \$20.00

Acc # - Karen

---

AMT DUE

FIG. 32c

00635596-080900

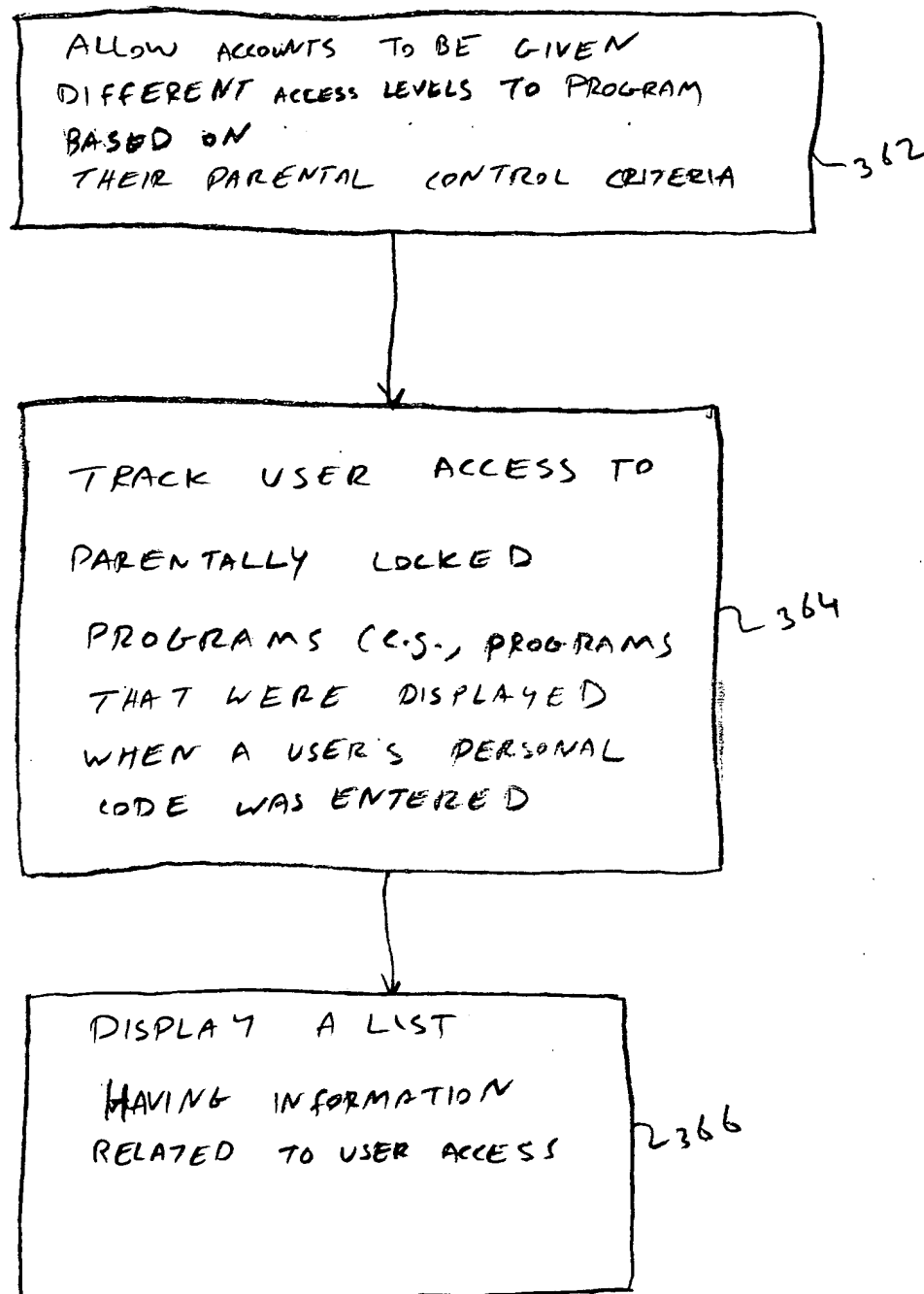
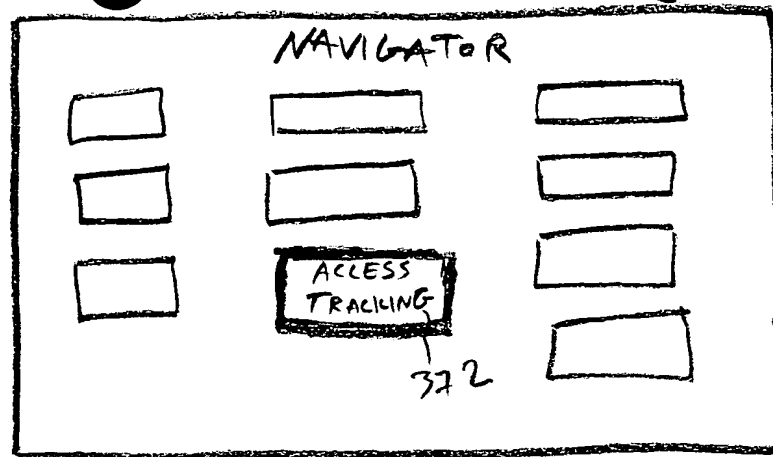


FIG 33

006080" 965555960





USER  
SELECTS  
ACCESS  
TRACKING  
OPTION

WHEN ACCESSED	PROGRAMS ACCESSED	ACCESSING ACCOUNT
1/18	APOCALYPSE NOW	KAREN
1/16	SEINFELD	TOM
1/16	FRAZIER	PARENT
1/14	THE TALENTED MR RIPLEY	PARENT
.	.	.
.	.	.
.	.	.
.	.	.
.	.	.

2370

FIG. 34

005080" 96555E960

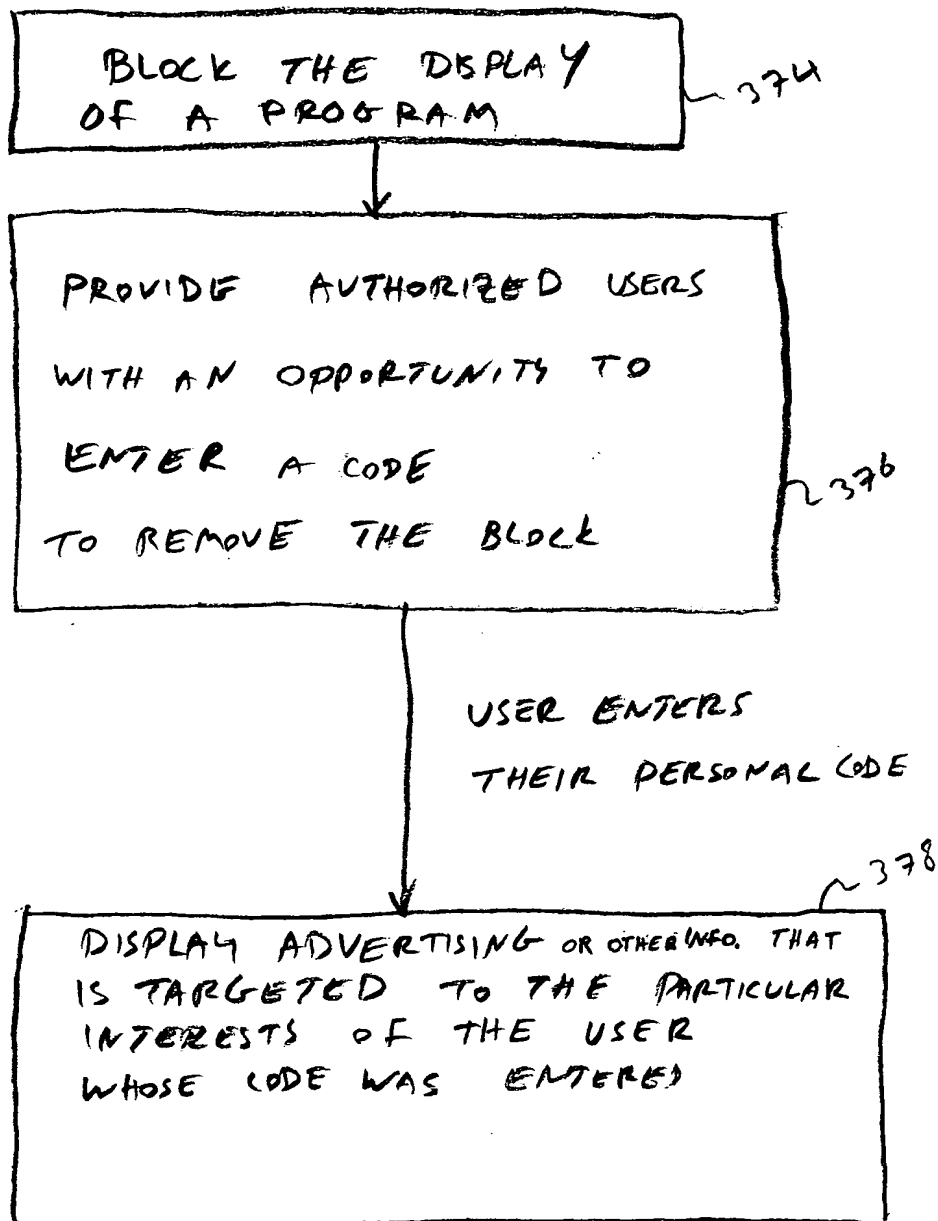


FIG. 35

005080" 95553368  
TUNES TO  
A LOCKED PROGRAM

ENTER CODE:

PARENT	[ ]
TOM	[ ]
JANE	[XXXX]

JANE'S  
CODE  
IS  
ENTERED

VIDEO OF  
THE PROGRAM

USER  
SELECTS  
AN OPTION  
TO ACCESS  
A PROGRAM  
GUIDE  
FEATURE

PROGRAM GUIDE  
DISPLAY SCREEN

TARGETED Advertisement

FIG. 38

380

PARENTAL CONTROL SETUP

SINGLE ACCOUNT CONTROL ☒ ☐ MULTI-ACCOUNT CONTROL

PROGRAM LOCKING CONTROL ☒ ☐ OFF

PURCHASE CONTROL ☒ ☐ OFF

CHANGE YOUR CODES

382

FIG. 37a

MOVIE RATING

TV RATING

CHANNEL

TIME

LOCKED TITLES

ENTER TITLE TO LOCK

384

FIG. 37b

AUTHORIZED TO PURCHASE ☒ YES ☐

SPENDING LIMIT PER MONTH

Authorized to purchase  
Pay  
merch-dise ☒ YES ☐ NO

386

FIG. 37c

child user  
tunes on R-R-ted  
PROGRAM

ENTER  
CODE:

FIG. 37a

USER SELECTS  
AN OPTION  
TO ORDER A PRODUCT

ENTER  
PURCHASE  
CODE:

FIG. 37c

006080"9655"960